(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 4 October 2001 (04.10.2001)

PCT

(10) International Publication Number WO 01/073707 A3

(51) International Patent Classification7: G07F 19/00, G06F 17/60, G07F 17/42

(21) International Application Number: PCT/US01/10594

(22) International Filing Date: 28 March 2001 (28.03.2001)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/193,064

29 March 2000 (29.03.2000)

(71) Applicant (for all designated States except US): CMA BUSINESS CREDIT SERVICES [US/US]; 40 East Verdugo Avenue, Burbank, CA 91502 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): OKAMOTO, Steve. Atsushi [US/US]; 5512 Calle de Arboles, Torrance, CA 90505 (US). SCHATTMAIER, Steven, Miller [US/US]; 3 Winterhaven, Irvine, CA 92614 (US). VON KAENEL, Tim [US/US]; 12 Lake View Drive, Coto De Caza, CA 92679 (US). ZEILE, Mike, Todd [US/US]; 27627 Harwick Place, Valencia, CA 91354 (US). ST. AMOUR, Frederick, C. [US/US]; 34081 Formosa Drive, Dana Point, CA 92629 (US).

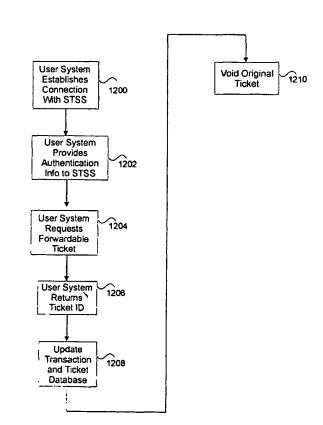
(74) Agents: NIXON, Dale, B. et al.; Sidley Austin Brown & Wood, Suite 3400, 717 N. Harwood, Dallas, TX 75201 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR MANAGING ONE OR MORE VALUE BEARING INSTRUMENTS



(57) Abstract: A computer-implemented system provides secure distribution of value-bearing instruments, such as coupons, tickets, gift certificates, money orders and traveler's checks. The distribution system involves three parties which are the consumer of the instrument, the supplier of the instrument and a security party which is referred to as a secure transaction service. The consumer registers with the secure transaction service for identity verification either before or after a transaction is initiated with the supplier of products or services. Verification of the consumer's identity can be established at any required level. In one aspect of the system, the supplier provides the consumer with a confirmation token which the consumer must then provide to the secure transaction service together with identification information of the consumer, so that only the valid consumer can complete the transaction. By use of the confirmation token, the secure transaction service can obtain information, through either data pulling or pushing, from the product or service supplier. In certain cases, the secure transaction service generates the required product in an electronic form and securely transmits it to the validated consumer. Digital signatures can be used throughout the process to assure the integrity of the data and the identity of the sender. Other aspects of the system include methods for reissuing, exchanging and forwarding value bearing instruments for original and third party users.

WO 01/073707 A3



patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 28 August 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

Internal Application No PCT/US 01/10594

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G07F19/00 G06F17/60 G07F17/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ G07F$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the	Relevant to claim No.			
Y	US 5 903 880 A (P.C. BIFFAR) 11 May 1999 (1999-05-11) abstract; claims; figures column 3, line 14 -column 5, 1 column 8, line 42 -column 9, 1 column 17, line 1 -column 19,	1-5,8-13			
Y	US 5 999 625 A (M. BELLARE) 7 December 1999 (1999-12-07) abstract; claims; figures column 8, line 17 -column 11,	line 46	1-5,8-13		
A	EP 0 713 198 A (HITACHI) 22 May 1996 (1996-05-22) abstract; claims; figures		1-5,8-13		
A	EP 0 932 128 A (NTT DATA CORPO 28 July 1999 (1999-07-28) 				
X Furt	her documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.		
"A" docum consid "E" eartier filing of "L" docum which citatio "O" docum other "P" docum	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the International date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another no or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	or priority date and not in conflict with cited to understand the principle or the invention. "X" document of particular retevance; the cannot be considered novel or cannot be very document of particular retevance; the cannot be considered to involve an involve and to current is combined with one or ments, such combination being obvious the art.	 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled 		
	actual completion of the International search 6 June 2003	Date of mailing of the International se 25/06/2003	arch report		
	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer David, J			

INTERNATIONAL SEARCH REPORT

Interna plication No PCT/US 01/10594

A /C	Name and the second sec	FC1/US 01/10594		
	ation) DOCUMENTS CONSIDERED TO BE FELEVANT		Delmont to all im her	
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
Α	WO 98 22915 A (BRITISH TELECOMMUNICATIONS) 28 May 1998 (1998-05-28)			
A	WO 98 43211 A (BRITISH TELECOMMUNICATIONS) 1 October 1998 (1998-10-01)		:	
A	WO 99 27475 A (M. BARKAN) 3 June 1999 (1999-06-03)			
A	WO 98 44429 A (ULTIMUS) 8 October 1998 (1998-10-08)			
	!			

INTERNATIONAL SEARCH REPORT

n Jon on patent family members

Intern: Application No
PCT/US 01/10594

					01705	01/10354	
Patent document cited in search report		Publication date		Patent family member(s)		Publication date	
US 5903880	Α	11-05-1999	US	6047269	Α	04-04-2000	
			US	6205435	B1	20-03-2001	
US 5999625	Α	07-12-1999	JP	10240848	Α	11-09-1998	
EP 0713198	Α	22-05-1996	JP	8147500		07-06-1996	
			EP	0713198		22-05-1996	
			US	5754654	A	19-05-1998	
EP 0932128	Α	28-07-1999	JP	11213068		06-08-1999	
			EP	0932128		28-07-1999	
			SG	75885		24-10-2000	
			US	6260027	B1	10-07-2001	
WO 9822915	Α	28-05-1998	AU	4957197		10-06-1998	
			DE	69721038		22-05-2003	
			EP	0941524		15-09-1999	
			WO	9822915		28-05-1 9 98	
			JP	2001504612		03-04-2001	
			US	6236981	B1	22-05-2001	
WO 9843211	A	01-10-1998	WO	9843211		01-10-1998	
			AU	6740198		20-10-1998	
			ΕP	0972276		19-01-2000	
			JP	2001521663		06-11-2001	
			US	6341273	B1	22-01-2002	
WO 9927475	Α	03-06-1999	AU	1256799		15-06-1999	
			CA	2314098		03-06-1999	
			EP	0993642		19-04-2000	
			MO	9927475	A1	03-06-1999	
WO 9844429	Α	08-10-1998	AU	739937		25-10-2001	
			ΑU	6744598		22-10-1998	
			CN	1259215		05-07-2000	
			EP	1021800		26-07-2000	
			MO	9844429		08-10-1998	
	•		JP	2001525087		04-12-2001	
			RU	2187150		10-08-2002	
			US	6119946		19-09-2000	
			US	6467685	₽Ţ	22-10-2002	